



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

August 14, 2012

Mr. Mark McNulla
Aeroflex-Metelics
9 Hampshire Street
Lawrence, MA 01840

Dear Mr. McNulla:

Re: Notification of Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-12-024927); CAGE Code: 52GC4; Control #: 036753

This letter amends letter VQ(VQE-12-024713) to correct the wafer fabrication plant location.

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV2N3792 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /379, Revision H. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 9, 2012. The beginning lot date code is B1029.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

I_M	I_H	t_H	t_{MD}	$Z_{\theta JA}$ (Screening and QCI)
10 mA	1.0 A	100 ms	100 μ s	0.8 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
**2N3792	NS	CHRC	19500-3499-12	/379	Same as above

Plant (3): Bourns Ltd.
Manton Lane, MK417BJ
Bedford, UK
(wafer fabrication)

**Includes JAN, JANTX, JANTXV quality levels

This qualification approval is based upon test report number 19500-3499-12 for your die and package and your letter dated February 23, 2012. This approval is subject to the conditions stated in SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions about this letter, contact Mr. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division

